

Figure 1

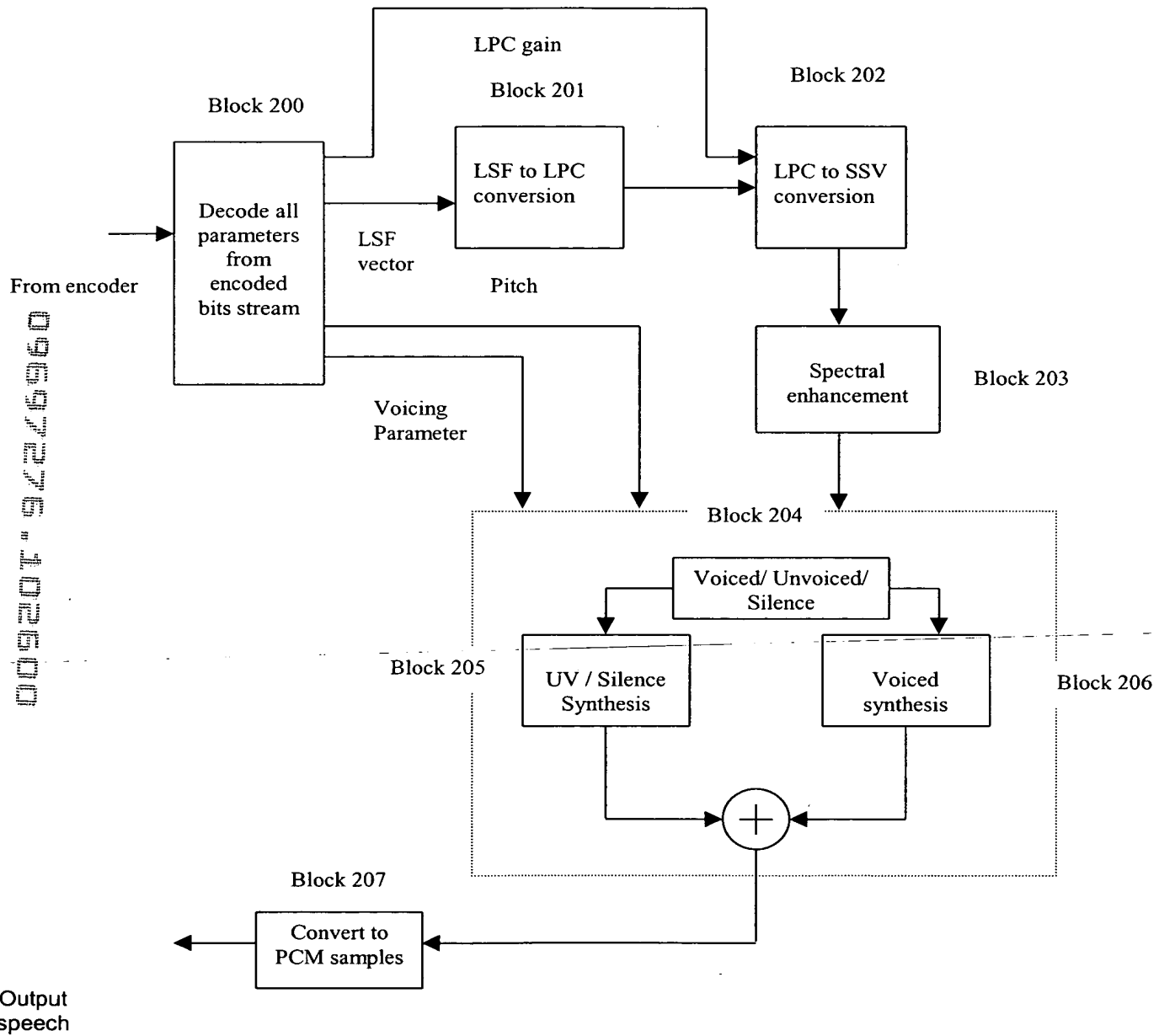


Figure 2

Pitch frequency

Block 300

Spectrum synthesis using pitch frequency $S_{synth}(m, w_o)$

Valley correction between the harmonics

Block 304

Mean square error between $S_{synth}(m, w_o)$ and $S_{org}(m)$ over bands

Block 301

Original Spectrum $S_{org}(m)$

Block 302

Spectrum synthesis using R.M.S value over each band

Pitch frequency

Block 305

Mean square error between $S_{rms}(m, w_o)$ and $S_{org}(m)$ over bands

Block 306

Comparison between both the errors for each band

Block 307

Minimum error selection for voiced/unvoiced selection

V/UV Band decision

Figure 3

09647276-102600

009201" 9226960

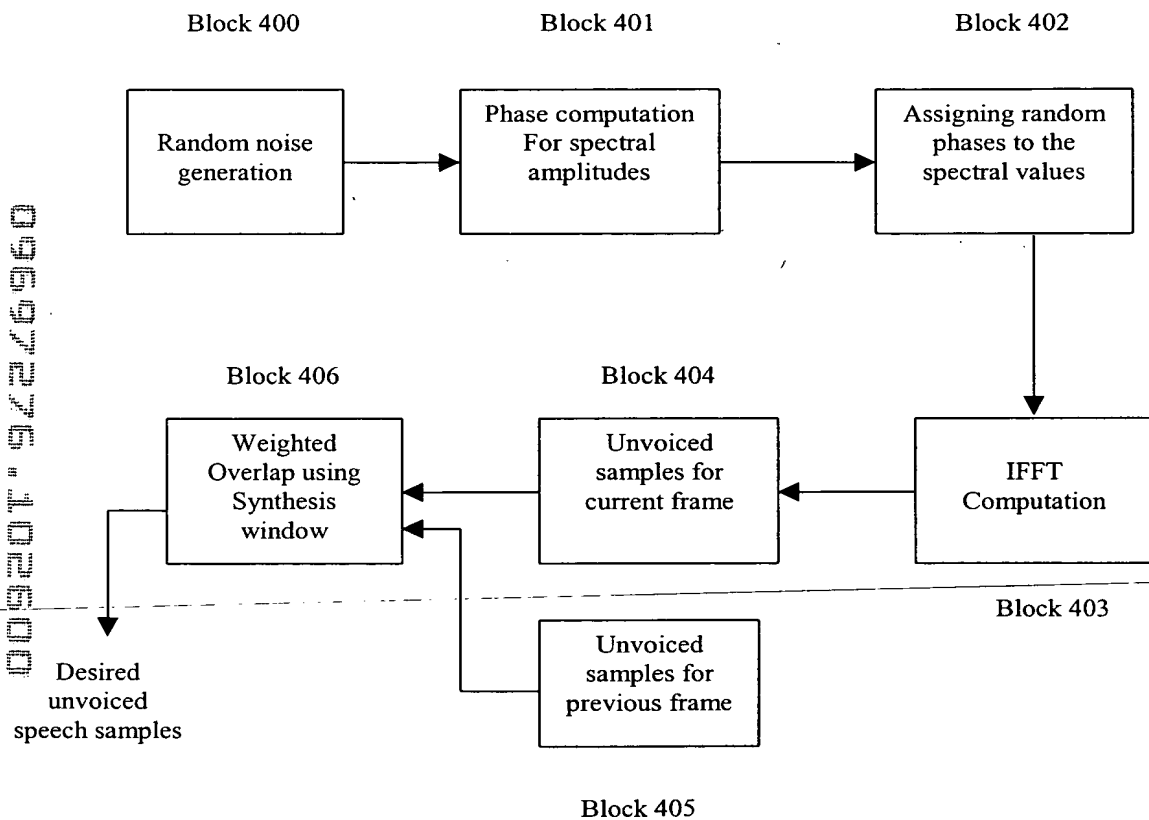


Figure 4